

What is the Bunkering Services Initiative?

The most advanced set of technology-enabled bunkering standards, voluntarily adopted by leading buyers, suppliers, and laboratories to tackle quantity shortages and fuel quality opacity.

Challenge. Issues with quantity and fuel quality are masked by manual quantity measurements, improperly used mass flow meters, disparate sampling procedures, and lack of fuel quality traceability. Lack of transparency can be exploited for improper financial gain and engenders mistrust between industry participants.

Solution. Enforceable operating standards, automated quantity measurements, mass balance audit record, real-time operational data, fuel quality testing throughout the supply chain, and blockchain security.

Result. Bunkering is backed by data. Suppliers compete on level playing field. Buyers save money. Transactions with trust.



Benefits to Suppliers

Fair Value

Without price distortions from variances in quantity and quality, suppliers can transact at fair market value.

Efficiency through digitisation

BSI uses ADP Clear to streamline documentation, data capture, and operational scheduling.

Gold Standard

Suppliers in the BSI must meet the highest operating standards, pass surprise barge audits conducted by Lloyd's Register, and benchmark their performance to their BSI peers.

Benefits to Buyers

Trust Through Transparency

BSI suppliers adhere to a strict set of standards, and buyers have unparalleled insights into their operations.

Independent Verification

Lloyd's Register audits barge compliance, ADP Clear technology enables data driven procurement decisions, leading laboratories provide multiple quality results per parcel of fuel.

Save Money and Time

Quantity certainty and fuel quality assurance enable buyers to lower their total cost of procurement. Avoided disputes and claims reduce risk and lost time.



Join Us.

Any marine fuel buyers and physical supplier engaged in the ARA market can contact initiative@adpclear.io



Comparing the Bunkering Services Initiative to the traditional market

Traditional Market

Fuel Quantity – Undetected Shortages

Delivered quantity shortages can be very difficult to identify



Limited Visibility

Inconsistent sampling, lab results only from delivery



Unregulated

Limited regulation: no monitoring, verification, enforcement



Heterogeneous Service

Buyers choose from supplier offers that represent wide variances in quantity, quality, and operations



Bunker Barges – No Controls

No supervision over or inspection of bunker barges or MFM systems



Supplier Evaluation – No Metrics

Limited information to evaluate and compare bunker suppliers



Manual Measurements, Unregulated MFMs

Quantity measurement is subject to manipulation and errors



BSI

Quantity Certainty

Automated measurements, MFM profiles, full mass balance reconciliation of all quantities loaded and discharged

Supply Chain Traceability

Quality results provided by independent labs from shoretank, barge, and all deliveries of same parcel of fuel

Strong Governance, Gold Standard of Operations

Strict operating standards, robust governance by stakeholders

Standardized Service

Suppliers compete on a level playing field, price represents value

Bunker Barges Audited by Lloyds Register

Certification upon onboarding, routine surprise inspections to verify MFM systems, seals, piping

Supplier Benchmarking

Rich supplier performance data: calorific value, LOPs, on-time performance, mass balance quantity performance, off-spec ratios

Certified MFMs, Live Data

ISO 22912 certification of MFMs, bunkering MFM profile streamed live, no manual quantity measurement or BDN entry

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